



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
SATOSHI ISHII AND TAKESHI WATANABE

Date : March 29, 2004

Serial No. : 10/690,654

Our Docket : SHX 343

Filing Date : October 21, 2003

Group : 3722

For : BALL END MILL

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98**

Applicants are submitting this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the Patent Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 form(s). The filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or as an admission that the listed references are prior art for this application. Applicants respectfully request that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the "references cited" on any patents issuing therefrom.

**CONTENT OF DISCLOSURE**

This Information Disclosure Statement includes (1) one page of PTO-1449 forms, and (2) a legible copy of each reference listed on the form.

## **TIMING OF DISCLOSURE / FEE INFORMATION**

This Information Disclosure Statement is being filed, to the best of the undersigned's knowledge, either (1) before the mailing of a first Office action on the merits, or (2) before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114. Moreover, in accordance with 37 C.F.R. § 1.97(e)(1), the undersigned states that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. Therefore, in accordance with 37 C.F.R. §§ 1.97(b)(3), (b)(4), or (c)(1), no fee is required.

Please contact the undersigned with any questions or comments regarding this Information Disclosure Statement.


### **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on March 29, 2004.

  
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Respectfully submitted,

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SHEET 1 OF 1

FORM PTO-1449		DOCKET NUMBER SHX 343		APPLICATION NUMBER 10/690,654		
SUPPLEMENTAL INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANTS Satoshi Ishii and Takeshi Watanabe				
		FILING DATE October 21, 2003		GROUP ART UNIT 3722		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	EP1125667	2/15/2001	EPO			
	DE4324869	7/23/1993	Germany			
	DE9319374	12/16/1993	Germany			
	JP9-267211	10/14/1997	Japan			
	GB2082102	8/6/1981	United Kingdom			
OTHER DOCUMENTS						
	European Search Report for EP03256706, 2/2/2004					
EXAMINER			DATE CONSIDERED			